

AMENDMENTS TO THE CLAIMS:

This listing of the claims will replace all prior versions, and listings, of the claims in this application.

Listing of Claims:

1. (Currently Amended) A method ~~to provide an Internet Protocol (IP) connection between a mobile station (MS) and a computing device (CD)~~, comprising:

initiating the a set up of the IP an internet protocol (IP) connection between a mobile station (MS) and a computing device (CD) that terminates at the MS with a command ~~sent~~ received from the CD ~~to the MS~~ over a local interface;

establishing the IP connection between the MS and the CD comprising assigning IP addresses for the local interface and configuring an IP protocol stack at the MS; and

in response to receiving over the ~~local interface~~ IP connection an IP message at the MS from the CD, routing the received IP message to an application that is resident in the MS, wherein the IP connection between the MS and the CD is regardless of any connection between the MS and a cellular network.

2. (Original) A method as in claim 1, where the command is an AT command.

3. (Original) A method as in claim 1, where the command is an AT+CRM command.

4. (Original) A method as in claim 1, where the command is an AT+CRM command having a value of five.

5. (Original) A method as in claim 3, further comprising:

sending an ATD #777 command to the MS from the CD over the local interface to establish a call;

performing peer-to-peer protocol negotiations over the local interface; and

establishing the IP connection over the local interface.

6. (Original) A method as in claim 1, where the command places the MS into an auto-answer mode.

7. (Original) A method as in claim 1, where the command is an ATSO=1 command.

8. (Currently Amended) A method as in claim 6, further comprising:

in response to an occurrence of a trigger signal at the MS, sending a Ring signal to the CD over the local interface to establish a call;

performing peer-to-peer protocol negotiations over the local interface; and

establishing the IP connection over the local interface using arbitrary IP addresses for the MS and the CD.

9. (Original) A method as in claim 1, where the local interface comprises a wired interface.

10. (Original) A method as in claim 1, where the local interface comprises a wireless interface.

11. (Original) A method as in claim 1, where the local interface comprises an RF interface.

12. (Original) A method as in claim 1, where the local interface comprises an IR interface.

13. (Currently Amended) A ~~computer program stored in~~ a computer readable medium within a mobile station (MS) embodying a computer program executable by a processor to perform actions to provide an Internet Protocol (IP) connection between the MS and a computing device (CD), comprising:

~~first computer program code~~, responsive to a receipt of a command from the CD over a local interface, to initiate the set up of the IP connection that terminates at the MS; ~~and~~

establishing the IP connection between the MS and the CD comprising assigning IP addresses for the local interface and configuring an IP protocol stack at the MS; and

~~second computer program code~~, responsive to receiving over the ~~local interface~~ IP connection an IP message from the CD, ~~to route~~ routing the received IP message to an application that is resident in the MS, wherein the IP connection between the MS and the CD is regardless of any connection between the MS and a cellular network.

14. (Original) A computer program as in claim 13, where the command is an AT command.

15. (Original) A computer program as in claim 13, where the command is an AT+CRM command.

16. (Original) A computer program as in claim 13, where the command is an AT+CRM command having a value of five.

17. (Original) A computer program as in claim 15, further comprising computer program code to send an ATD #777 command to the MS from the CD over the local interface to establish a call, to perform peer-to-peer protocol negotiations over the local interface and to establish the IP connection over the local interface.

18. (Original) A computer program as in claim 13, where the command places the MS into an

auto-answer mode.

19. (Original) A computer program as in claim 13, where the command is an ATSO=1 command.

20. (Currently Amended) A computer program as in claim 18, further comprising computer program code, responsive to an occurrence of a trigger signal at the MS, to send a Ring signal to the CD over the local interface to establish a call, to perform peer-to-peer protocol negotiations over the local interface and to establish the IP connection over the local interface using arbitrary IP addresses for the MS and the CD.

21. (Original) A computer program as in claim 13, where the local interface comprises a wired interface.

22. (Original) A computer program as in claim 13, where the local interface comprises a wireless interface.

23. (Original) A computer program as in claim 13, where the local interface comprises an RF interface.

24. (Original) A computer program as in claim 13, where the local interface comprises an IR interface.

25. (Currently Amended) ~~A mobile station (MS)~~ An apparatus comprising:

a processor configured to communicate over a local interface and over a cellular system network interface,

further comprising means the processor further configured to provide initiate setup of an Internet Protocol (IP) connection between said MS apparatus and a computing device (CD) with a command received from the CD over the local interface,

the processor configured to establish the IP connection between the apparatus and the CD comprising assigning IP addresses for the local interface and configuring an IP protocol stack at the apparatus, and

~~said connection means comprising means, responsive to a receipt of a command from the CD over said local interface to initiate the set up of the IP connection that terminates at the MS;~~
and means, responsive to receiving an IP message from the CD over said local interface, the processor is configured for routing to route the received IP message to an application that is resident in a memory of said MS apparatus, wherein the IP connection ~~is set up~~ between the MS apparatus and the CD is regardless of any connection between the MS apparatus and a the cellular network.

26. (Currently Amended) ~~A-MS~~ An apparatus as in claim 25, where the command is an AT command.

27. (Currently Amended) ~~A-MS~~ An apparatus as in claim 25, where the command is an AT+CRM command.

28. (Currently Amended) ~~A-MS~~ An apparatus as in claim 25, where the command is an AT+CRM command having a value of five.

29. (Currently Amended) ~~A-MS~~ An apparatus as in claim 25, where the apparatus comprises a mobile station and the command places said MS mobile station into an auto-answer mode.

30. (Currently Amended) ~~A-MS~~ An apparatus as in claim 25, where the command is an ATSO=1 command.

31. (Currently Amended) ~~A-MS~~ An apparatus as in claim 25, where said local interface comprises at least one of a wired interface and a wireless interface, and the IP addresses for the

local interface are assigned arbitrarily to the apparatus and to the CD.

32. (Currently Amended) ~~A-MS~~ An apparatus as in claim 25, where the IP connection is used by the ~~MS~~ apparatus to execute a peer-to-peer application with the CD.

33. (Currently Amended) ~~A-MS~~ An apparatus as in claim 32, where the peer-to-peer application comprises a Personal Information Management (PIM) application.

34. (Currently Amended) ~~A-MS~~ An apparatus as in claim 32, where the peer-to-peer application comprises one that enables data to be transferred from the ~~MS~~ apparatus to the CD for storage.

35. (Currently Amended) ~~A-MS~~ An apparatus as in claim 34, where the data comprises data generated by a camera of the ~~MS~~ apparatus.

36. (Currently Amended) ~~A-MS~~ An apparatus as in claim 32, where the peer-to-peer application comprises one that enables data to be transferred from the CD to the ~~MS~~ apparatus for storage.

37. (Currently Amended) ~~A-MS~~ An apparatus as in claim 36, where the data comprises music data.

38. (Currently Amended) ~~A-MS~~ An apparatus as in claim 32, where the peer-to-peer application comprises a synchronization application.

39. (Currently Amended) ~~A-MS~~ An apparatus as in claim 32, where the peer-to-peer application comprises a parameter provisioning application.

40. (Currently Amended) ~~A-MS~~ An apparatus as in claim 32, where the peer-to-peer application comprises a debugging application.